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› MOOKAKA Dual Screen Android Car Radio for Audi Q7 (2005-2009) - User Manual

MOOKAKA for 2005-2009 Year 6-128GB

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Model: for 2005-2009 Year 6-128GB

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MOOKAKA Dual Screen Android Car Radio. This unit is designed for Audi Q7 models from 2005 to 2009, offering an upgraded in-car entertainment and navigation experience. Please read this manual thoroughly before use to ensure proper functionality and safety.

The system features an Android 13.0 OS, an 8-core CPU, 6GB RAM, and 128GB ROM, providing a responsive and smooth user experience. It supports wireless Carplay and Android Auto, DSP sound effects, high-definition IPS touch screen, GPS navigation, Bluetooth, and various multimedia functions.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before beginning installation, verify that all components are present:

- Main Head Unit (Dual Screen Android Car Radio)
- Power Cables
- Button Adapter Cable
- USB Cable Ports
- AMI Cable
- SIM Cable
- Microphone
- GPS Antenna
- WiFi Antenna
- Fiber Optic Cable
- Fiber Optic Box

- Installation Tools
- Various Accessories



Image: All components included in the product package, such as cables, antennas, and the main unit.

2.2 Installation Process

The installation is designed to be plug-and-play, requiring no wire cutting. However, professional installation is recommended. Refer to the provided installation tools and cables for proper connection.

No-destructive installation plug and play



Before installation



Before installation



Image: Comparison of the Audi Q7 dashboard before and after the installation of the dual screen car radio, demonstrating the integrated appearance.

Key Installation Steps:

1. **Preparation:** Ensure the vehicle's power is off. Gather all necessary tools and components.
2. **Removal of Original Unit:** Carefully remove the existing car radio and dashboard components as per your vehicle's service manual.
3. **Wiring Connections:** Connect the provided power cables, USB cables, AMI cable, SIM cable, microphone, GPS antenna, WiFi antenna, fiber optic cable, and fiber optic box to their respective ports. Ensure all connections are secure.
4. **Unit Placement:** Mount the new dual screen head unit into the dashboard opening.
5. **Testing:** Before fully reassembling the dashboard, power on the vehicle and test the unit's basic functions (power, display, audio, touch response).
6. **Final Assembly:** Once tested, reassemble the dashboard components.

3. OPERATING INSTRUCTIONS

3.1 Basic Operation

- **Power On/Off:** The unit powers on automatically with the vehicle ignition. To manually power off, press and hold the power button (if available) or use the system settings.
- **Touch Screen:** The 12.3-inch capacitive IPS touch screen responds to finger gestures. Navigate through menus and applications by tapping, swiping, and pinching.
- **Steering Wheel Control:** The unit supports original steering wheel controls. Configure these settings in the system menu to manage audio, calls, and navigation safely while driving.

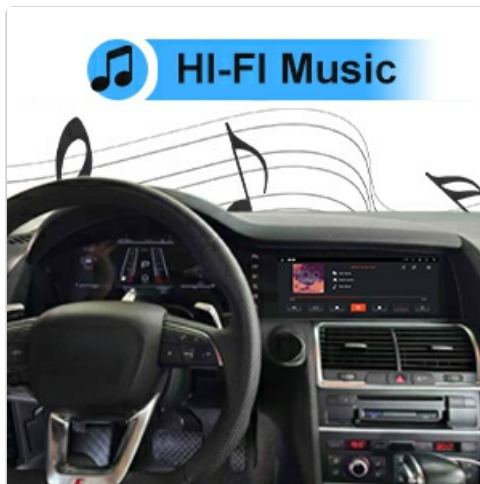


Image: Diagram illustrating how the car radio integrates with existing steering wheel controls for safe operation.

3.2 Connectivity Features

- **Wireless Carplay & Android Auto:** Connect your smartphone wirelessly to access navigation, music, calls, and messages through the unit's interface. This feature allows for safe, hands-free interaction.
- **Bluetooth 5.0:** Pair your mobile device via Bluetooth for hands-free calling and audio streaming. Access your phonebook and call history directly from the unit.
- **4G & WiFi Network:** Insert a 4G SIM card for mobile data connectivity or connect to a WiFi hotspot. This enables online navigation, app downloads, and internet browsing.
- **Mirror Link:** Project your smartphone screen onto the car radio display for enhanced viewing of apps and media.

Wireless Carplay & Android Auto

Supports connecting to your phone, easy to
control and handle for phone via device:
It's named ZLINK in system



Image: The car radio display showing the Wireless Carplay and Android Auto interface, demonstrating smartphone integration.

4G & WIFI NETWORK

Support 4G SIM card plug and play,
You can call / listen to music and download APP



Image: The car radio display highlighting 4G and WiFi network capabilities, indicating internet access.

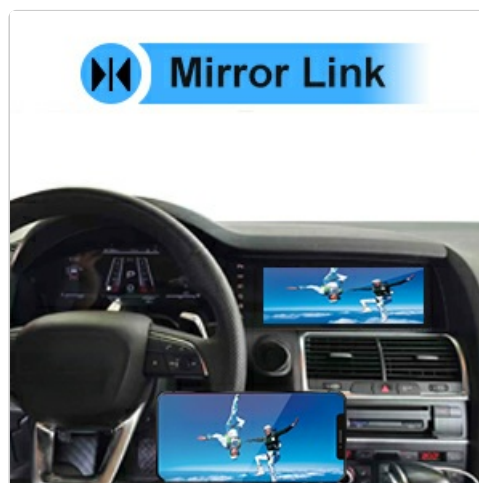


Image: An illustration of Bluetooth 5.0 connectivity, showing a smartphone connected to the car radio for calls and music.



Image: The Mirror Link function in action, showing a smartphone's display mirrored onto the car radio screen.

3.3 Multimedia and Audio

- **DSP Sound Effects:** Utilize the built-in Digital Signal Processor (DSP) to customize audio settings, including equalizer, balance, and loudness, for an optimized listening experience.
- **AM/FM/RDS Radio:** Tune into your favorite radio stations with clear reception. RDS (Radio Data System) provides additional information like station name and song title.
- **HD Video Playback:** The unit supports Ultra HD video playback, offering excellent visual enjoyment on the 1920x1080 resolution screen.
- **USB/SD Playback:** Connect USB drives or SD cards to play audio and video files directly.

Multiple stereo surround sound, lossless sound quality output

Exclusive auditory feast



Image: The car radio display showing the 32-bit DSP equalizer interface, allowing users to adjust audio settings.

HD 1920*1080 Resolution

5 Point-touch capacitive screen ,Perfect visual effect



Image: The car radio screen displaying high-definition content, highlighting its 1920x1080 resolution for clear visuals.



Image: The car radio displaying a music playback interface, emphasizing its Hi-Fi audio capabilities.

3.4 Navigation and Other Functions

- **GPS Navigation:** The unit comes with built-in GPS navigation, supporting various map types for North America. Ensure the GPS antenna is properly installed for optimal signal reception.
- **App Downloads:** Access the Android ecosystem to download and install various applications for enhanced functionality.
- **Rear Camera Support:** The unit supports connection to a rear camera for parking assistance.
- **TPMS Support:** Compatible with Tire Pressure Monitoring Systems (TPMS) for real-time tire pressure data.
- **HDMI Output:** Connect external displays via HDMI for extended entertainment options.



Image: An overview diagram showing the main features like Android 13.0, BT 5.0, Wireless Carplay, and optional products such as 360 Panoramic camera, TPMS, and DVR.



Image: The car radio display showing a GPS navigation map, indicating its built-in navigation capabilities.

4. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Software Updates:** Periodically check for system software updates through the unit's settings menu to ensure optimal performance and access to new features.
- **Environmental Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Inspection:** Regularly inspect all connected cables for any signs of wear or damage. Ensure connections remain secure.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle power issue.	Check all power cable connections. Inspect vehicle fuses. Consult a professional if the issue persists.
No sound output.	Volume too low, mute activated, incorrect audio source, loose speaker wires.	Increase volume. Check mute status. Select correct audio source. Verify speaker wire connections.
GPS signal lost or inaccurate.	GPS antenna not properly installed or obstructed, unit in an area with poor satellite reception.	Ensure GPS antenna is securely connected and has a clear view of the sky. Move to an open area.
Touch screen unresponsive.	Temporary software glitch, screen calibration issue.	Restart the unit. If available, perform a screen calibration from system settings.
Bluetooth connection issues.	Device not in pairing mode, interference, incorrect pairing procedure.	Ensure your device is discoverable. Delete previous pairings and re-pair. Move closer to the unit.

6. SPECIFICATIONS

Feature	Detail
Model Compatibility	Audi Q7 (2005-2009 Year)
Operating System	Android 13.0
CPU	8-core
RAM	6GB
Internal Storage (ROM)	128GB
Display Size	12.3 Inches
Display Type	Capacitive IPS Touch Screen, LED
Resolution	1920x1080 (HD)
Connectivity	Bluetooth 5.0, 4G (SIM card support), WiFi
Special Features	Wireless Carplay, Android Auto, DSP Sound Effects, GPS Navigation, Mirror Link, Steering Wheel Control Support, Rear Camera Support, TPMS Support, HDMI Output
Map Type	North America
Item Weight	9.2 pounds
Package Dimensions	19 x 13 x 8 inches

7. WARRANTY AND SUPPORT

The MOOKAKA Dual Screen Android Car Radio comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your product, please contact MOOKAKA Official Store directly through Amazon chat. Our support team aims to respond to inquiries within 24 hours.

Contact Information:

- **Manufacturer:** MOOKAKA
- **Support Channel:** Amazon chat with "MOKAKA Official Store"

8. PRODUCT VIDEOS

8.1 Product Overview and Features

Your browser does not support the video tag.

Video: This video provides a comprehensive overview of the MOOKAKA Dual Screen Android Car Radio, demonstrating its various features such as music playback, DSP equalizer, language settings, video playback, Bluetooth car phone functionality, navigation, and YouTube access. It highlights the 12.3-inch display, Android 13 OS, 8-core processor, and 8GB RAM + 256GB storage configuration.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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